Appl. No. 09/693,019   APP 1204
Amdt. August 23, 2006
Reply to Office Action of February 23, 2006

Listing of Claims:

Claim 1-15 (cancelled)

Claim 16 (currently amended) A method for monitoring and tracking all TCP connections of a mobile station in a SIP-compliant network having a plurality of nodes and mobile stations, said method comprising the steps of a SIP-EYE agent:

monitoring session set-up and disconnect messages of said TCP connections, and

creating and keeping a data structure for each of said TCP connections for the mobile station, each data structure comprising:

(a) an original IP address of said mobile station,

(b) a previous IP address of said mobile station,

(c) a current IP address of said mobile station, and

(d) and original IP address of a corresponding host node;

wherein said original IP address of said mobile station is the IP address of said mobile station at the beginning of the TCP connection, said previous IP address of said mobile station is the last address just before the current IP address of said mobile station and, said original IP address of said corresponding host node is the IP address of said corresponding host node at the beginning of the TCP connection; and

wherein said data structure is used by said SIP-EYE agent to monitor and track connections in said TCP network.